Name:

Grade:

Score:

Worksheet #1



=3

BODMAS

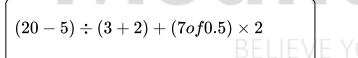
Learning goal: Students will apply BODMAS to simplify numerical expressions involving integers and decimals using step-by-step calculations.

$$egin{aligned} -15 \div (3+2) + (8of 0.5) imes (4-1.5) - (6 \div 2+1) \ &= -15 \div 5 + 4 imes 2.5 - 4 \ &= -3 + 10 - 4 \end{aligned}$$

$$(25 \div 5) + [(8-3) \times 2] - (12 \div 4)$$

$$[(12 \div 4) + (5 \times 2)] \times (3 - 1.5)$$

$$[(16 \div 4) + (5 \times 3)] \times (2 - 0.5)$$



$$(30 \div 5) + [(6-2) \times 3] - (8 \div 2)$$

$$[18 \div (6-3)] + (4 imes 2.5) - (10 \div 2)$$

$$[(24 \div 6) + (7 \times 2)](3 - 1.5)$$

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Name:

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Worksheet #1(Answers)



BODMAS

Learning goal: Students will apply BODMAS to simplify numerical expressions involving integers and decimals using step-by-step calculations.

$$egin{aligned} -15 \div (3+2) + (8of 0.5) imes (4-1.5) - (6 \div 2 + 1) \ &= -15 \div 5 + 4 imes 2.5 - 4 \end{aligned}$$

$$= -3 + 10 - 4$$

$$=3$$

$$(25 \div 5) + [(8-3) \times 2] - (12 \div 4)$$

$$=5+[5\times2]-3$$

$$= 5 + 10 - 3$$

$$=12$$

$$[(12 \div 4) + (5 \times 2)] \times (3 - 1.5)$$

$$= [3+10]\times 1.5$$

$$=13\times1.5$$

$$= 19.5$$

$$[(16 \div 4) + (5 \times 3)] \times (2 - 0.5)$$

$$= [4 + 15] \times 1.5$$

$$=19 \times 1.5$$

$$= 28.5$$

$$(20-5) \div (3+2) + (7of0.5) imes 2$$

$$=15\div 5+3.5\times 2$$

$$= 3 + 7$$

$$= 10$$

$$(30 \div 5) + [(6-2) \times 3] - (8 \div 2)$$

$$=6+[4 imes3]-4$$

$$= 6 + 12 - 4$$

$$= 14$$

$$[18 \div (6-3)] + (4 \times 2.5) - (10 \div 2)$$

$$= [18 \div 3] + 10 - 5$$

$$=6+10-5$$

$$= 11$$

$$[(24 \div 6) + (7 \times 2)](3 - 1.5)$$

$$= [4 + 14] \times 1.5$$

$$=18\times1.5$$

$$=27$$

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